

## ABSTRACT OF THE DISCLOSURE

*Sub A1*

The present invention provides a process for producing a purine nucleotide which comprises: culturing in a medium 5 a microorganism having the ability to produce a precursor of the purine nucleotide and carrying an introduced DNA which can induce and express an enzyme capable of synthesizing the purine nucleotide from said precursor; allowing said precursor of the purine nucleotide to accumulate in the 10 culture; inducing and expressing the enzyme capable of synthesizing the purine nucleotide from said precursor; allowing the purine nucleotide formed from said precursor to accumulate in said culture, and then recovering said purine nucleotide therefrom. Microorganisms useful in said process 15 are also provided.